

03/21/01



*03-21-01*

**PATENT APPLICATION TRANSMITTAL LETTER**  
(Small Entity)

Docket No.  
1414-SPL

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:

John C. Murphy

**For: APPARATUS AND METHODS USING MECHANICAL RESONATORS TO ENHANCE SENSITIVITY  
IN LORENTZ FORCE MAGNETOMETERS**

Enclosed are:

Certificate of Mailing with Express Mail Mailing Label No. **E1685546626US**

**2** sheets of drawings.

A certified copy of a application.

Declaration  Signed.  Unsigned.

Power of Attorney

Information Disclosure Statement

Preliminary Amendment

Verified Statement(s) to Establish Small Entity Status Under 37 C.F.R. 1.9 and 1.27.

Other:

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
<b>Total Claims</b>	40	- 20 =	20	x \$9.00	\$180.00
<b>Indep. Claims</b>	4	- 3 =	1	x \$40.00	\$40.00
<b>Multiple Dependent Claims (check if applicable)</b>	<input checked="" type="checkbox"/>				\$135.00
				<b>BASIC FEE</b>	\$355.00
				<b>TOTAL FILING FEE</b>	\$710.00

A check in the amount of to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge and credit Deposit Account No. **01-2218** as described below. A duplicate copy of this sheet is enclosed.

- Charge the amount of **\$710.00** as filing fee.
- Credit any overpayment.
- Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: **March 21, 2001**

Francis A. Cooch

*Signature*

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j1046 U.S. PTO  
09/813767

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: John C. Murphy

For: APPARATUS AND METHODS USING MECHANICAL RESONATORS TO  
ENHANCE SENSITIVITY IN LORENTZ FORCE MAGNETOMETERS

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL685546626US

Date of Deposit: March 21, 2001

I hereby certify that the following attached patent application as identified above consisting of Postcard receipt, Patent Application Transmittal Letter (in duplicate), patent application (10 pp. specification, 4 pp. claims, 1 p. abstract and 2 sheets drawings), Declaration and Power of Attorney (3 pp.), Recordation Form Cover Sheet (1 p.) and an Assignment (1 p.) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Francis A. Cooch  
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